

09/936024

518 Rec'd PCT/PTO 07 SEP 2001

WO 00/58465

PCT/US00/06417

SEQUENCE LISTING

<110> Witcher, Derrick
Rathnachalam, Radhakrishnan
Gonzales-DeWhitt, Patricia
Micanovic, Radmila
Becker, Gerald W.
Hale, John E.
Tschang, Sheng-Hung R.
Cohen, Fredric J.
Newton, Christy M.
Noblitt, Timothy W.
Wroblewski, Victor, J.

<120> FLINT Polypeptide Analogs

<130> X-12799

<140>
<141>

<160> 4

<170> PatentIn Ver. 2.0

<210> 1
<211> 271
<212> PRT
<213> Homo sapiens

<400> 1
Val Ala Glu Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu
1 5 10 15

Arg Leu Val Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro
20 25 30

Cys Arg Arg Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro Arg His
35 40 45

Tyr Thr Gln Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val
50 55 60

Leu Cys Gly Glu Arg Glu Glu Ala Arg Ala Cys His Ala Thr His
65 70 75 80

Asn Arg Ala Cys Arg Cys Arg Thr Gly Phe Phe Ala His Ala Gly Phe
85 90 95

Cys Leu Glu His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro
100 105 110

Gly Thr Pro Ser Gln Asn Thr Gln Cys Gln Pro Cys Pro Pro Gly Thr
115 120 125

Phe Ser Ala Ser Ser Ser Ser Glu Gln Cys Gln Pro His Arg Asn
130 135 140

Cys Thr Ala Leu Gly Leu Ala Leu Asn Val Pro Gly Ser Ser Ser His
145 150 155 160

Asp Thr Leu Cys Thr Ser Cys Thr Gly Phe Pro Leu Ser Thr Arg Val
 165 170 175

Pro Gly Ala Glu Glu Cys Glu Arg Ala Val Ile Asp Phe Val Ala Phe
 180 185 190

Gln Asp Ile Ser Ile Lys Arg Leu Gln Arg Leu Leu Gln Ala Leu Glu
 195 200 205

Ala Pro Glu Gly Trp Gly Pro Thr Pro Arg Ala Gly Arg Ala Ala Leu
 210 215 220

Gln Leu Lys Leu Arg Arg Arg Leu Thr Glu Leu Leu Gly Ala Gln Asp
 225 230 240

Gly Ala Leu Leu Val Arg Leu Leu Gln Ala Leu Arg Val Ala Arg Met
 245 250 255

Pro Gly Leu Glu Arg Ser Val Arg Glu Arg Phe Leu Pro Val His
 260 265 270

<210> 2

<211> 813

<212> DNA

<213> Homo sapiens

<400> 2

gtggcagaaa caccaccta cccctggcg gacgcagaga caggggagcg gctggtgtgc 60
 gcccagtgcc cccccaggcac ctttgtgcag cgccctgtgcc gccgagacag ccccacgacg 120
 tggggccctgt gtccaccgcg ccactacacg cagttctgga actacctgga gcgctccgc 180
 tactgcaacg tcctctgcgg ggagcgtgag gaggaggcac gggcttgcaca cgccacccac 240
 aacccgtgcg gccgtcgcc cacccggcttc ttccgcacg ctggtttctg cttggagcac 300
 gcattgtgtc cacctgggtgc cggcgtgtt gccccggca ccccccagcaca gaacacgcag 360
 tgccagccgt gccccccagg caccttctca gccagcagct ccagctcaga gcagtcccg 420
 ccccaaccgca actgcacggc cttgggcctg gcccctaattg tgccaggctc ttccctccat 480
 gacaccctgt gcaccagctg cactggcttc cccctcagca ccagggtacc aggagctgag 540
 gagtgtaggc gtgcgtcat cgactttgtg gctttccagg acatctccat caagaggctg 600
 cagccggctgc tgcaggccct cgaggccccg gagggctggg gtccgacacc aaggggccggc 660
 cggcggccct tgcagctgaa gctgcgtcgg cggctcacgg agctcctggg ggcgcaggac 720
 gggccgtgc tggcggcgt gctgcaggcg ctgcgtcgg ccaggatgcc cgggctggag 780
 cggagcgtcc gtgagcgttt cttccctgtg cac 813

<210> 3

<211> 300

<212> PRT

<213> Homo sapiens

<400> 3

Met Arg Ala Leu Glu Gly Pro Gly Leu Ser Leu Leu Cys Leu Val Leu
 1 5 10 15

Ala Leu Pro Ala Leu Leu Pro Val Pro Ala Val Arg Gly Val Ala Glu
 20 25 30

Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu Arg Leu Val
 35 40 45

Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro Cys Arg Arg
 50 55 60

WO 00/58465

PCT/US00/06417

Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro Arg His Tyr Thr Gln
65 70 75 80

Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val Leu Cys Gly
85 90 95

Glu Arg Glu Glu Ala Arg Ala Cys His Ala Thr His Asn Arg Ala
100 105 110

Cys Arg Cys Arg Thr Gly Phe Phe Ala His Ala Gly Phe Cys Leu Glu
115 120 125

His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro Gly Thr Pro
130 135 140

Ser Gln Asn Thr Gln Cys Gln Pro Cys Pro Pro Gly Thr Phe Ser Ala
145 150 155 160

Ser Ser Ser Ser Ser Glu Gln Cys Gln Pro His Arg Asn Cys Thr Ala
165 170 175

Leu Gly Leu Ala Leu Asn Val Pro Gly Ser Ser Ser His Asp Thr Leu
180 185 190

Cys Thr Ser Cys Thr Gly Phe Pro Leu Ser Thr Arg Val Pro Gly Ala
195 200 205

Glu Glu Cys Glu Arg Ala Val Ile Asp Phe Val Ala Phe Gln Asp Ile
210 215 220

Ser Ile Lys Arg Leu Gln Arg Leu Leu Gln Ala Leu Glu Ala Pro Glu
225 230 235 240

Gly Trp Gly Pro Thr Pro Arg Ala Gly Arg Ala Ala Leu Gln Leu Lys
245 250 255

Leu Arg Arg Arg Leu Thr Glu Leu Leu Gly Ala Gln Asp Gly Ala Leu
260 265 270

Leu Val Arg Leu Leu Gln Ala Leu Arg Val Ala Arg Met Pro Gly Leu
275 280 285

Glu Arg Ser Val Arg Glu Arg Phe Leu Pro Val His
290 295 300

<210> 4
<211> 29
<212> PRT
<213> Homo sapiens

<400> 4
Met Arg Ala Leu Glu Gly Pro Gly Leu Ser Leu Leu Cys Leu Val Leu
1 5 10 15

Ala Leu Pro Ala Leu Leu Pro Val Pro Ala Val Arg Gly
20 25